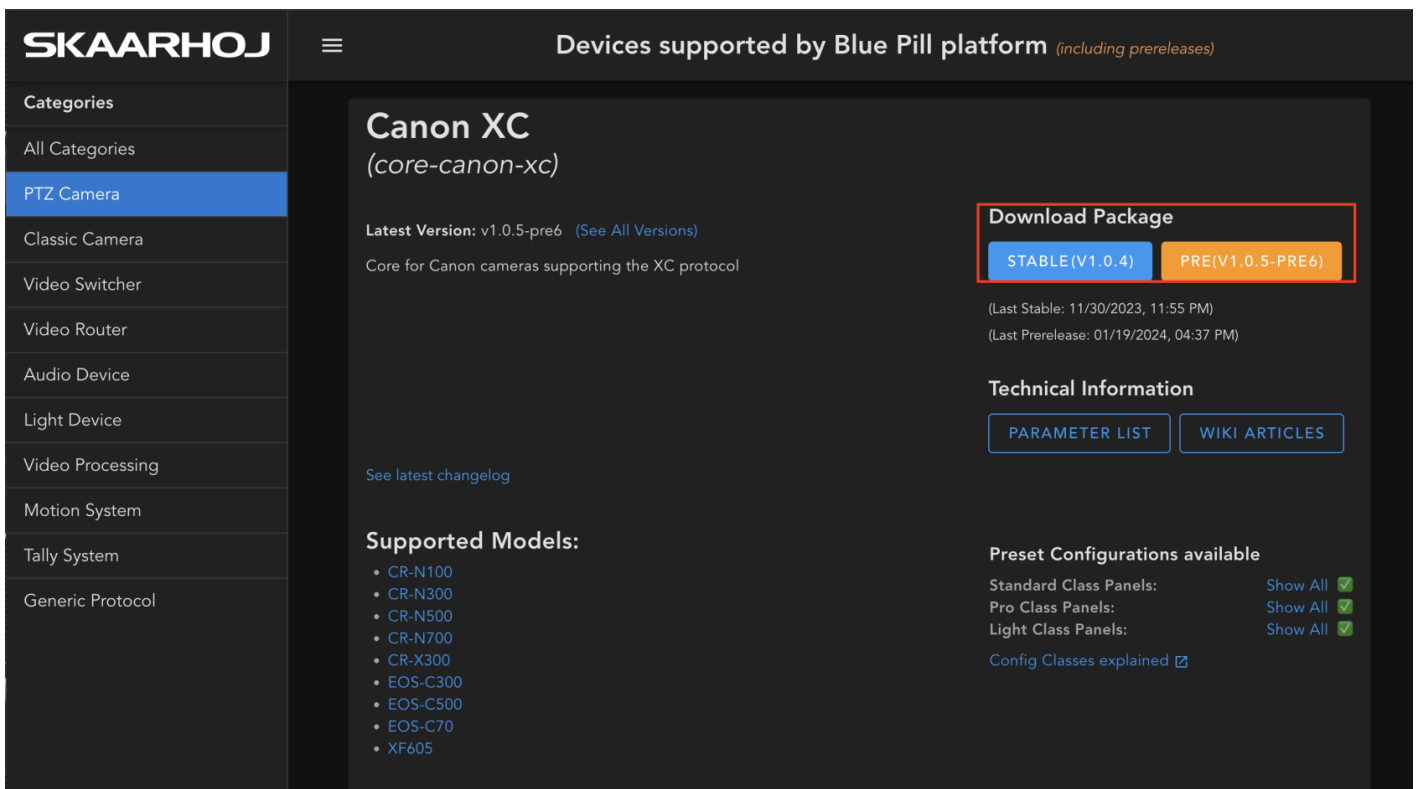


Uploading Device Cores/Packages/OS from Offline

All device cores, packages, and SkaarOS can be loaded from offline onto the Blue Pill. The individual package files are all available at <https://devices.skaarhoj.com/> and are loaded via your Blue Pill device's web interface.

1. For connected device related device cores, on <https://devices.skaarhoj.com/>, navigate to the device you are trying to control. Click on **STABLE** or **PRE** will download the latest stable or prerelease version, as indicated in the version number within the parenthesis.



The screenshot shows the Skaarhoj website interface. The top navigation bar includes the Skaarhoj logo and a menu icon. The main header reads "Devices supported by Blue Pill platform (including prereleases)". A sidebar on the left lists various categories, with "PTZ Camera" selected. The main content area displays details for the "Canon XC (core-canon-xc)" device. It shows the latest version as "v1.0.5-pre6" and provides a link to "See All Versions". Below this, it states "Core for Canon cameras supporting the XC protocol" and offers a link to "See latest changelog". A "Download Package" section features two buttons: "STABLE (V1.0.4)" and "PRE (V1.0.5-PRE6)". It also lists the last stable release date (11/30/2023, 11:55 PM) and the last prerelease date (01/19/2024, 04:37 PM). A "Technical Information" section includes links for "PARAMETER LIST" and "WIKI ARTICLES". At the bottom, a "Preset Configurations available" section lists "Standard Class Panels", "Pro Class Panels", and "Light Class Panels", each with a "Show All" button and a green checkmark. A link for "Config Classes explained" is also present.









2. To download the core packages and OS that make the Blue Pill work, select **Other Packages** at the top of the page.

SKAARHOJ ☰ **Devices supported by Blue Pill platform** (including prereleases)

DEVICES DEVICE CORES PANELS

Show Prereleases Other Packages

Search for device

Image	Name	Package	Description	Parameters	Show supported panels
	ColorBox	core-aja-colorbox	AJA ColorBox	SUPPORTED PARAMETER LIST	SHOW PANELS
	Aja Helo	core-aja-helo	The Aja Helo model.	SUPPORTED PARAMETER LIST	SHOW PANELS
	Aja Helo (Advance)	core-aja-helo	The advance Aja Helo model. This will auto generate all parameters from the device file. Use this with caution, as these parameters might not have full support.	SUPPORTED PARAMETER LIST	SHOW PANELS
	KUMO 1604	core-aja-kumo	AJA KUMO 16 input, 4 output router	SUPPORTED PARAMETER LIST	SHOW PANELS
	KUMO 1616	core-aja-kumo	AJA KUMO 16 input, 16 output router	SUPPORTED PARAMETER LIST	SHOW PANELS
	KUMO 3232	core-aja-kumo	AJA KUMO 32 input, 32 output router	SUPPORTED PARAMETER LIST	SHOW PANELS
	KUMO 6464	core-aja-kumo	AJA KUMO 64 input, 64 output router	SUPPORTED PARAMETER LIST	SHOW PANELS
	Dlive	core-allenheath-dlive	Connect to a DLive Mixrack or Director software. At the moment it works best when connected to Director.	SUPPORTED PARAMETER LIST	SHOW PANELS

Both the latest prerelease and stable release are available as options.

SKAARHOJ Devices supported by Blue Pill platform *(including prereleases)*

Categories

- All Categories
- PTZ Camera
- Classic Camera
- Video Switcher
- Video Router
- Audio Device
- Light Device
- Video Processing
- Motion System
- Tally System
- Generic Protocol

Other Packages

Here you can find the most important packages for your BluePill. These can be downloaded and uploaded to the BluePill via the 'Packages' tab

Package: reactor
 Reactor is the main package on every Blue Pill and Blue Pill inside device. It manages your configurations and connects panels to devices

Download: PRE STABLE ALL VERSIONS

Package: system-manager
 The system-manager powers the packages and settings page of your device. It is essentially the backbone of your blue pill

Download: PRE STABLE ALL VERSIONS

Package: hardware-manager
 The hardware-manager takes care of ingesting all button or fader interactions and filling all your displays on your device

Download: PRE STABLE

Package: devicecore-connector
 In some usecases devicecores running on a bluepill need to be shared with other devices on the network. This is done by the devicecore-connector

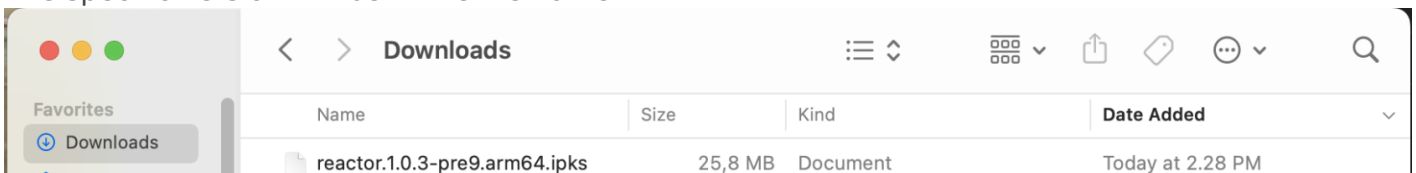
Download: PRE STABLE ALL VERSIONS

skaarOS
 skaarOS is the operating system of your BluePill and BluePillInside devices. It can be updated by uploading the .raucb file via the 'Packages' tab

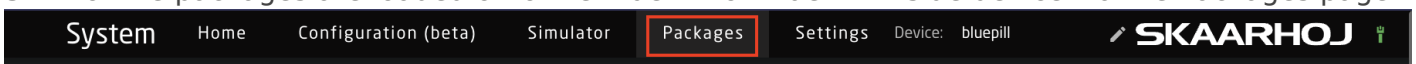
Download: PRE STABLE

skaarhoj.com BACK TO OVERVIEW

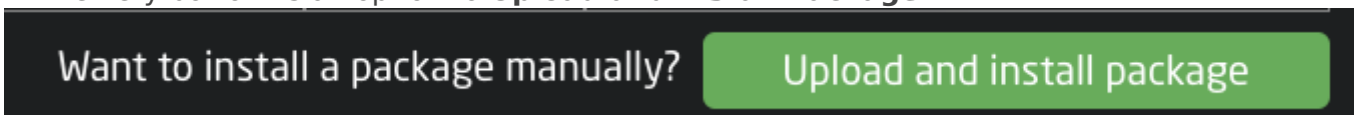
The specific version will be in the file name.



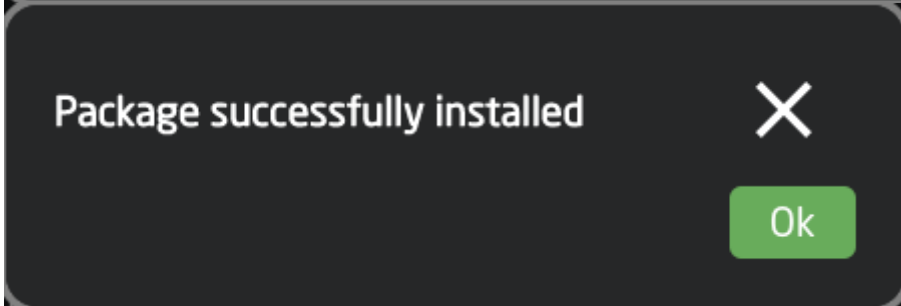
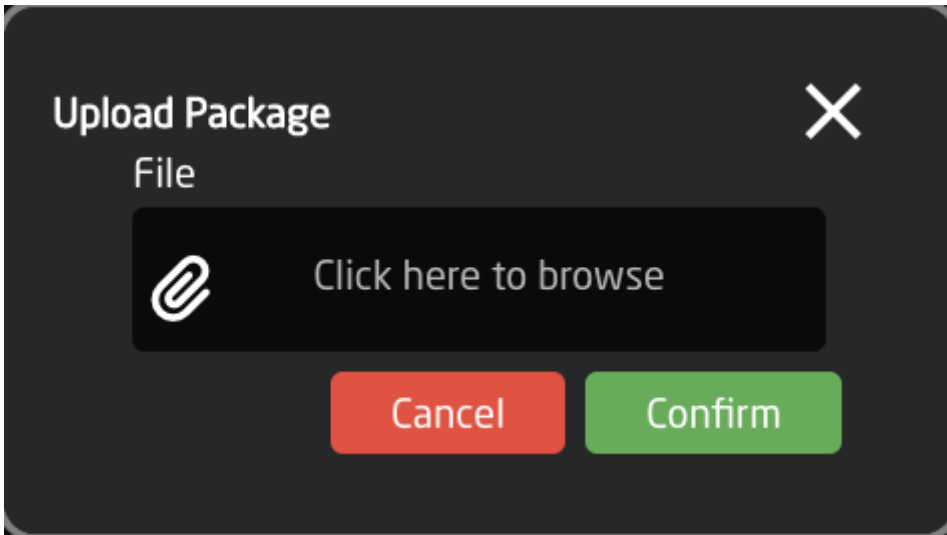
3. All of the packages are loaded onto the Blue Pill or Blue Pill Inside device via the Packages page.



At the very bottom is an option to **Upload and Install Package**



Then select the package from your computer for uploading. All packages will be **.ipks** files except for SkaarOS which will be a **.raucb** file. If the file names do not have the proper file type extension please and therefor fail to load, please contact support@skaarhoj.com



Please note: Blue Pill devices running Skaar OS v0.11 or earlier and/or init v0.1.23 or earlier may have trouble loading packages from offline. Please contact support if you experience any difficulty.

Revision #2

Created 4 July 2022 13:15:43 by Heather Pedersen

Updated 9 December 2025 13:02:44 by Heather Pedersen